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Sixteenth Annual Report

OF THE

BOILER INSPECTOR

State of Montana

Year Ending November 30, 1904

J. H. DAILEY, Boiler Inspector

HELENA  MONTANA,
INDEPENDENT PUBLISHING COMPANY,
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SIXTEENTH ANNUAL REPORT
OF THE
BOILER INSPECTOR

Helena, Montana, December 9th, 1904.

To His Excellency,
Joseph K. Toole,
Governor of Montana.

Sir:—

In compliance with Section 567 of the Political Code, I have the honor to submit herewith the sixteenth annual report of the Boiler Inspector's office of the State of Montana, the same being for the fiscal year ending November 30th, 1904.

Tabulated statements are appended setting forth in detail all monies collected within the year, the disbursements, the number and grades of licenses issued and to whom, the number of boilers inspected and the defects noted.

It is a matter of profound satisfaction to me to be able to say that during the entire period of your excellency's administration not a single explosion has occurred among those boilers or their steam connections which come under the operation of the boiler inspection law.

It is also gratifying to report that within the same time the office has become not only self-sustaining but a revenue producer. Fees have been covered into the State Treasury in excess of the warrants drawn to the amount of \$7,811.34, as shown in the recapitulation of the yearly receipts and disbursements. Never before in the history of the office has the surplus been so large as it has been during your excellency's administration.

For the possible more effective attainment of the purpose of the present inspection law, I have the honor to recommend to your excellency's attention the following amendments, to-wit:

First. That an additional assistant inspector be appointed and he be stationed at Butte, under the direction of the chief inspector, to visit outside districts if necessary, and a suitable appropriation be made to cover his salary and expenses. At the present, with two inspectors to look after this large State, visiting saw mills and mines in remote districts, it is impossible to give Butte the proper attention, and as the work there has increased since the present law was enacted, it works a hardship on some of the steam users when they wish an inspection of a boiler made and notify this office, and both inspectors are out in some remote district, and no one in the office or at Butte to comply with the request, therefore the party making the request is obliged to wait until I return to the office. In some cases this has caused a serious delay and resulted in a loss of time and money to the steam user.

Second. In this recommendation I call your attention to the fact that the present law makes no provision for the protection of parties buying old boilers. Therefore, I recommend that the law be so amended as to place a fine on owners, agents or parties dealing in second-hand boilers, who paint and offer same for sale, without first having same tested and securing from this office a certificate showing the working pressure such boilers are capable of carrying.

While this State has not had a boiler explosion during your excellency's administration, I wish to call your attention to the loss of life and property from such explosions in other States, as shown by carefully compiled statistics, commencing with January 1st, 1901, and ending August 31st, 1904, a period of three years and eight months.

Boiler explosions, 428; persons killed, 1,020; persons injured, 1,215; making a total of killed and injured of 2,235.

I wish to call your attention to some of the most destructive explosions, as follows:

On June 4th, 1904, Glucose Works, at Shady Side, N. J., an explosion of a boiler caused a property loss of \$100,000.00.

On August 8th a boiler exploded at the Couer d'Alene Lumber Company, at Couer d'Alene, Idaho, causing a property loss of about \$75,000.00.

On Oct. 3rd a boiler exploded at the Corning Distillery, at Peoria, Ill., causing a property loss of \$100,000.00.

On Nov. 20th a boiler exploded at the Park Theater, at the Armory building at Butler, Pa., causing a property loss of \$300,000.00.

On Nov. 17th a boiler exploded at Decatur, Ill., in the basement of the Arcade building, causing a property loss of \$100,000.00.

On December 21st, 1903, a battery of seven boilers at the St. Louis Transit Company's plant at St. Louis, Mo., exploded, causing a property loss of \$75,000.00, killing eight persons and injuring twenty-one.

Attached to this report will be found tables showing in detail the receipts and disbursements of this department and the work accomplished by it during the year, as well as a condensed recapitulation of work done and receipts and disbursements under the various inspectors since 1891.

I gladly make cordial acknowledgment of the faithful and efficient co-operation of Mr. J. D. O'Brien, assistant boiler inspector, and also of the courtesies and assistance in the discharge of my official duty rendered me by the owners and users of steam plants and by the engineers in charge thereof.

Respectfully submitted,

J. H. DAILEY,
Boiler Inspector.

FINANCIAL STATEMENT FOR THE YEAR ENDING NOVEMBER 30, 1904.

RECEIPTS.

From Appropriations—	
For Inspector's Salary	\$2,000 00
Assistant Inspector's Salary	1,800 00
Office and travelling expenses	3,500 00
	<hr/> \$7,700 00
From Office Receipts—	
4 original first class licenses	\$300 00
86 original second class licenses	430 00
285 original third class licenses	853 00
26 re-issues first class licenses	195 00
52 re-issues second class licenses	260 00
113 re-issues third class licenses	339 00
Outs and rejections	195 00
1,601 renewals	1,601 00
982 boiler inspections	5,880 00
	<hr/> 10,055 00
Totals	<hr/> \$17,755 00

DISBURSEMENTS.

Salary of Inspector	\$2,400 00
Salary Assistant Inspector.....	1,800 00
Office and travelling expenses	3,499 34
Balance appropriation unexpended	65
	<hr/> \$ 7,700 00
Amount paid into State Treasury.....	10,055 00
	<hr/>
Total	\$17,755 00
Receipts of office	\$10,055 00
Expenses of office	7,699 34
	<hr/>
Balance paid into Treasury	\$2,355 66

STATEMENT OF WORK PERFORMED AND RECEIPTS AND DISBURSEMENTS FROM NOVEMBER 20, 1890 TO NOVEMBER 30, 1904.

J. J. LAYTON, Inspector, 1891 and 1892.

Boilers Inspected.	Total Receipts.	Total Disbursements	Deficiency.	Surplus.
731	\$8,965 00	\$13,495 69	\$4,630 69

GEORGE BLINN, Inspector, 1893 to 1896, Inclusive.

Boilers Inspected.	Total Receipts.	Total Disbursements	Deficiency.	Surplus.
1,889	\$22,522 50	\$26,469 06	\$4,952 05

F. A. BURNS, Inspector, 1897 to 1900 Inclusive.

Boilers Inspected.	Total Receipts.	Total Disbursements	Deficiency.	Surplus.
2,631	\$31,819 00	\$28,009 22	\$3,809 78

J. H. DAILEY, Inspector, 1901 to 1904 Inclusive.

Boilers Inspected.	Total Receipts.	Total Disbursements	Deficiency.	Surplus.
3,490	\$38,609 00	\$30,797 27	\$7,811 75

In conducting the boiler inspections the total number of miles traveled was 14,840. The number of visits made was 1,016. The number of boilers examined externally and internally and pressure hydrostatically applied was 982. In these inspections 2,610 defects were noted, 2,011 of which were considered dangerous and suitable repairs were recommended. Seventeen boilers and nine mud drums were condemned as unfit for further use. During the year there were 311 examinations of applicants for engineer's licenses conducted.

The following is a classified list of defects noted:

Nature of Defect.	Danger-	
	Noted.	ous.
Cases of incrustation and scale	241	180
Cases of internal corrosion and pitting	104	76
Cases of external corrosion and pitting	23	23
Broken stays and braces	78	78
Loose and defective stays and braces	19	19
Furnaces defective	13	13
Cracked plates	43	43
Crystallized plates	21	21
Bagged plates	27	22
Defective rivets	780	673
Leaky tubes	972	704
Defective setting of water columns	13	13
Defective blow-offs	17	17
Safety valves over loaded	21	21
Defective safety valves	27	22
Boilers with cut-off valves between safety valve and boiler	2	2
Defective pressure gauges	87	62
Defective steam pipes and connections	22	22
Total	2,510	2,011

Name.	Class	No.	Name.	Class	No.
Anderson, Archie	2	597	Berran, Chas.	1	1404
Albert, Ed	3	1898	Bates, W. S.	2	1441
Allpin, Thos.	2	1154	Blakeley, J. A.	1	1593
Anderson, J. E.	3	1858	Bennett, J. B.	1	1359
Adams, Edward	1	1030	Blinn, Geo.	1	1213
Anderson, J. P.	1	1094	Brandis, F. H.	2	1430
Angland, Pat	2	1123	Brandis, F. E.	2	1429
Ackerly, G. A.	2	1255	Beaudry, J. H.	3	2142
Arp, Gustav	3	2164	Boucher, B. J.	3	2281
Anderson, O. W.	3	2164	Bulman, E.	2	1446
Aberle, John	2	1275	Bisbin, W. H.	3	2008
Arches, R.	3	2209	Beards, S. T.	2	1288
Avery, G. B.	1	1303	Bowen, F. C.	1	1424
Anderson, David	3	2239	Bowden, T. C.	1	1405
Albert, Ed	2	1449	Bullock, W. J.	1	1423
Ackerman, Thos.	2	1506	Bohlman, R.	1	1416
Adams, L. K.	1	1411	Briggs, L.	3	2307
Atherton, Geo.	3	2482	Bottler, J. J.	2	1490
Anderson, Gust.	3	2497	Backus, J. T.	1	1414
Altman, Emil	3	2417	Bowden, R.	1	1436
Anderson, A. W.	3	2548	Boston, W. E.	3	2346
Arneberg, Chris.	3	2510	Brooks, L. D.	2	1467
Arthur, G. W.	1	1535	Brosian, Jos.	3	2356
Ainsworth, W. E.	3	2688	Boucher, W. K.	3	2328
Anderson, C. G.	3	2687	Besser, A.	3	2531
Andrew, Geo.	2	1688	Boughton, Edward	3	2297
Austin, Alex.	2	1617	Burgland, A.	2	1557
Avery, A. W.	1	1575	Briney, J. E.	1	1391
Anderson, Soren	1	1583	Buckner, J. M.	1	1232
Adams, T. J.	1	1566	Blakely, B. F.	2	1452
Ayers, S. C.	1	1554	Burnell, Fred.	3	2354
Adams, B. E.	3	2876	Bailey, J. K.	2	1461
Adams, Joseph	1	1250	Beck, J. J.	3	2368
Arnold, L. J.	3	2850	Brisbin, L. H.	3	2009
Angevine, Dan	2	1325	Benninghoff, G. F.	3	2375
Anderson, Chas.	3	2691	Buckhouse, J.	3	2549
Andrews, Jas.	1	1158	Bottler, F.	2	1546
Bennett, W. B.	2	1158	Brokaw, C. E.	3	2341
Brenton, D. K.	3	769	Barger, W. E.	2	1535
Brady, J. T.	1	1065	Bullock, A. J.	2	1539
Brady, J. T.	1	1157	Bent, A.	3	2440
Boardman, Edgar	2	1169	Benson, W. A.	2	1517
Bell, E. N.	1	1057	Bye, A.	2	1547
Baldridge, R. S.	3	1889	Brody, M.	3	2435
Burt, Wm.	3	1774	Bott, W.	1	1444
Baldwin, Sam	1	964	Beede, C. C.	3	2333
Baxter, L. L.	3	1854	Blackwell, G. R.	3	2332
Brown, J. H.	3	2034	Breucher, J. A.	3	2516
Black, Robt.	2	1074	Butler, C. W.	3	2452
Blackburn, C. A.	1	1053	Banby, G. H.	3	2463
Burton, P. S.	2	1058	Berg, M.	3	2436
Boyle, Peter	2	1162	Bauer, Chas.	3	2522
Botke, Simon	3	1857	Bush, E. C.	3	2524
Bradshaw, Walter	2	1069	Burbach, G.	3	2557

Name.	Class	No.	Name.	Class	No.
Barick, Emery	3	1904	Bowden, C.	3	2547
Baldwin, C. J.	3	1809	Bellinger, A.	3	2543
Bennett, F. B.	1	1081	Brink, R. H.	3	2527
Bond, J. H.	1	1061	Barnaby, H. L.	3	2598
Barton, C. W.	2	1183	Brennan, Wm.	3	2587
Bartson, Jos.	1	1089	Beerman, D. E.	3	2610
Burt, N.	2	1195	Boettcher, Wm.	3	2402
Benjamin, B. P.	2	1220	Burke, C.	3	2406
Baker, Edward	3	1921	Brooks, C. W.	2	1562
Beller, E. A.	3	1891	Baker, J.	2	1574
Bayliss, C. W.	2	1179	Beadom, Chas.	3	2380
Blake, F. H.	3	1818	Blose, S. S.	3	2388
Brennan, M. F.	3	1819	Bowen, W.	2	1669
Brown, J. C.	3	1920	Buckley, D. J.	1	1515
Bryant, H. C.	2	1259	Bilbow, M.	1	1514
Brown, W. A.	1	1129	Bridger, J. B.	3	2680
Bennett, W. D.	1	1130	Bergstrom, A.	3	2731
Barsley, Wm.	1	1134	Balmat, J. D.	3	2721
Baker, G. W.	2	1218	Bowen, Wm. R.	2	1678
Brown, W. R.	1	1141	Bishop, S.	1	1528
Bohay, Chas.	2	1351	Barrett, J. J.	1	1244
Bowden, John	3	2117	Brynne, Axtel	1	1548
Brosnahan, J. J.	1	1084	Bottomly, J. H.	2	1693
Burlingham, E. L.	3	1927	Blaxdel, J. D.	3	2760
Booker, C. D.	2	1125	Behan, T. F.	1	1530
Burns, J. H.	2	1267	Bedle, M. K.	1	1545
Bronner, C. F.	3	2083	Bussy, H.	2	1672
Burnham, Fred.	2	1269	Blow, Henry	3	2704
Ballinger, C. J.	3	1933	Boulivare, C. G.	3	2642
Beynon, E.	1	1125	Best, W.	3	2741
Boehn, R. H.	2	1401	Biathrow, E. D.	1	1571
Bennepe, H. H.	3	2154	Bottomly, F. H.	2	1625
Bennett, Henry	3	1955	Butterman, M. J.	2	1626
Bucher, C. H.	1	1300	Bond, John	2	1681
Buss, Henry	3	1952	Bell, J. T.	2	1613
Bishop, I.	3	2208	Ballon, H.	1	1606
Bellivan, J. J.	3	2111	Blodgett, F.	2	1604
Brewster, Geo.	2	1241	Burns, E. F.	1	1522
Bennett, Wm.	3	2151	Bolles, O. F.	3	2759
Berryman, Jas.	2	1226	Brady, Geo.	2	1313
Buchanan, Geo.	2	1243	Bloom, F. O.	3	2674
Brander, Geo.	3	2160	Bowers, John	3	2827
Burns, C. L.	3	1942	Borgeson, C.	3	2667
Burr, Henry	3	1945	Branting, O. A.	3	2714
Baker, I. W.	1	1299	Ballinger, J.	3	2713
Boulton, E. R.	3	2224	Ballinger, C. J.	2	1311
Boyle, Jos.	1	1215	Burton, D. H.	2	1318
Budd, Harry	3	2183	Bunt, A.	1	1152
Blue, B. J.	1	1019	Bohay, M.	3	2844
Bowden, Wm.	1	1265	Bohay, M.	3	1863
Bitner, Wm.	3	2132	Bowhay, E.	1	1589
Bitner, W. E., Jr.	3	2133	Blackbrough, J.	3	2623
Broughan, W. J.	3	2246	Bates, W. J.	3	2790
Birkland, J. A.	3	1990	Bradley, B. M.	3	2792

Name.	Class	No.	Name.	Class	No.
Bowman, W. C.	3	2244	Beckers, C.	2	1637
Bronson, B. E.	1	1323	Bentley, W. P.	2	1643
Brown, W. A.	3	1964	Blake, G. P.	2	1734
Blair, T. A.	2	1285	Brekke, H. J.	3	2889
Belely, E. G.	3	1966	Brown, J.	2	1473
Bohan, Jas.	3	2222	Barkovitch, J.	3	2891
Baker, F. S.	3	1974	Beck, J. J.	2	1323
Brackett, Julius	3	1986	Brennan, Wm.	2	1327
Blua, A. D.	3	1996	Bartlett, C. R.	3	2768
Brown, P. L.	2	1390	Brown, J. R.	1	1596
Bremmer, W. R.	1	1274	Burgess, T. W. C.	3	2901
Brooke, C. W.	3	2015	Beaulieu, P.	3	2369
Bullen, M.	2	1381	Byrne, W. F.	1	1427
Brooks, E. D.	2	1434	Bazzil, Chas.	3	2486
Brainerd, J. A.	2	1414	Blair, Geo.	3	2502
Barrett, Thos.	3	2314	Conroy, W. J.	3	2178
Currit, J. G.	2	1175	Cox, Z. C.	3	2126
Cole, W. H.	1	968	Collier, F.	2	1141
Campbell, D. R.	2	1068	Curry, M.	3	2085
Conway, M.	3	1906	Cothrill, F. C.	3	2086
Curry, L.	3	1876	Card, A.	3	2202
Comiskey, P.	3	1894	Cothrill, Jas.	1	1305
Carey, W. P.	1	975	Coleman, J. H.	3	2193
Cheever, G. M.	3	1771	Capps, A. C.	3	2184
Cooper, Wm.	2	1066	Conner, J. A.	2	1368
Clark, R.	2	1066	Clifford, John	3	2242
Cosgrove, P. C.	3	1903	Crotsley, B.	1	1214
Carlisle, J. M.	3	1811	Cliff, B. F.	1	1206
Cook, W. F.	3	2030	Chemette, V. R.	3	2187
Crummican, J.	1	1078	Courtney, E.	1	1331
Congdon, G. S.	1	1082	Converse, W. C.	1	1270
Cain, O. T.	2	1201	Charteris, J. M.	1	1330
Coburn, F. J.	1	1085	Curdy, John	2	1421
Currah, J. J.	2	1117	Conway, J. J.	3	2215
Chamberlain, T.	2	1124	Coyle, F. J.	1	1210
Church A. W.	2	1266	Crowley, T.	1	1219
Crew, Aug.	1	1110	Colligan, G.	3	1988
Croy, W. H.	3	2057	Campbell, H. M.	3	1998
Carney, F. J.	1	1098	Culbert, J. J.	3	2263
Connelly, G.	2	1122	Carlston, R.	1	1361
Crane, L.	3	1814	Curdell, C.	3	2137
Chartier, A.	3	1817	Collins, J. H.	1	1377
Coulter, J.	3	2054	Corby, J.	1	1399
Clergy, L. J.	1	1277	Comlan, D.	1	1369
Card, F. D.	3	2072	Carley, D. H.	2	1382
Curran, J. R.	3	1179	Comba, D.	1	1345
Carlisle, W. G.	3	2070	Colier, W. H.	2	1460
Coates, Jas.	1	1136	Creighton, Jos.	1	1353
Churchill, J. L.	1	1137	Connihan, John	3	2128
Cox, T. H.	1	1023	Clements, J. S. B.	3	2388
Connell, T. H.	3	2171	Connolly, J.	2	1280
Chapin, I. N.	1	1306	Coonrad, G. G.	2	1281
Comerford, J. J.	3	1970	Cash, G.	2	1282
Coughlin, J.	3	2200	Cambridge, W. H.	3	2006

Name.	Class	No.	Name.	Class	No.
Carlsen, C. E.	3	2254	Candel, W. E.	2	1676
Callis, T.	3	2261	Cullurn, G.	1	1518
Cole, W. R.	3	2284	Chidester, J.	1	1552
Clark, Harry	3	2285	Curtis, G.	1	1243
Campbell, J. E.	2	1443	Coale, J. O.	1	1542
Caldwell, R. B.	3	2018	Cahill, D. P.	3	2703
Conner, J. B.	1	4154	Collins, C. E.	3	2629
Clark, B. W.	1	1430	Carlson, J. P.	2	1663
Call, F.	1	1421	Collins, T. J.	1	1555
Clements, W.	3	2339	Cunningham, G. V.	3	2722
Carneyl, J.	3	2306	Carney, Hugh	1	1151
Copps, J. J.	2	1396	Campbell, J. D.	2	1589
Clapper, G. W.	3	2460	Collins, J. P.	1	1248
Cunningham, F. O.	3	2309	Clarke, D. W.	3	2749
Casey, W. J.	3	2322	Clark, T.	1	965
Crotty, J.	1	1413	Chapman, J. T.	1	1553
Case, J. F.	2	1214	Connole, P. F.	3	2665
Case, J. F.	2	1510	Collins, R. L.	3	2670
Connelly, S. T.	3	2023	Cannon, M. J.	3	2880
Cardwell, J. R.	3	2493	Coppey, J.	3	2798
Curdy, Jas.	2	1435	Cook, W. B.	3	2651
Carroll, C. B.	3	2292	Connole, P. F.	3	2664
Crosby, C.	2	1480	Cornaz, C. L.	3	2668
Chambers, E. C.	3	2481	Choquette, Wm.	1	1579
Conway, J. G.	3	2487	Cumbo, J.	1	1590
Clancy, M. L.	2	1295	Carlson, J.	3	2775
Cleary, J. E.	1	1452	Conner, J.	2	1605
Chrisman, J. A.	3	2342	Campbell, L. F.	3	2843
Crawford, J. A.	2	1507	Cottle, C. P.	3	2883
Clark, T.	3	2344	Duffy, B.	3	1869
Cunningham, T. P.	2	1302	Durham, G. P.	2	1114
Cody, J.	3	2451	Davis, B. L.	3	2034
Curdy, S.	2	1527	Driscoll, J. C.	1	1068
Campbell, R.	3	2005	Dietrich, L.	2	1189
Cavanaugh, J.	3	2515	Davis, J. M.	2	1062
Cocran, T. W.	3	2457	Davis, S. A.	3	1883
Cupples, W. P.	3	2438	Dwyer, James	2	1173
Cole, O. E.	3	2379	Dennis, Wm.	3	1843
Colgan, E.	3	2686	Doyle, Edward	1	1051
Carter, C. G.	2	1560	Davidson, F. G.	2	1187
Cochran, R.	2	1651	Dailey, J. H.	1	1128
Copperty, T.	3	2537	Drake, C. W.	2	1208
Cowan, R. M.	1	1503	Davie, M.	3	1767
Copeland, J.	1	1489	Dallman, C. F.	3	2044
Cumbo, P.	1	1517	Dillard, J. L.	3	1910
Corrigan, G. J.	3	2564	Dohrman, W. F.	3	1911
Cowan, F. E.	2	1309	Dondero, L.	3	1913
Cocks, J. E.	3	2404	Doyle, M.	3	1922
Cooper, E. T.	3	2398	Duffy, J. J.	1	1119
Cook, W. F.	2	1564	Davis, I.	3	2119
Crause, E.	1	1521	Dehmer, D.	3	2066
Connolly, J. W.	2	1692	Dormer, B.	1	1112
Crowley, T.	3	2700	Deeny, Geo.	2	1129
Campbell, K. L.	1	1237	Davis, L.	3	2073

Name.	Class	No.	Name.	Class	No.
Cummings, A.	3	2732	Drummond, N. H.	1	1479
Dussault, L.	2	1247	Delaney, P. E.	3	2445
Dilto, E.	1	1293	Davis, W. H.	2	1561
Davidson, J. E.	1	1146	Davidson, Geo.	3	2595
Down, F. W.	2	1353	Dougherty, J. H.	2	1582
Dee, M. F.	3	2087	Donoghue, J.	3	2655
Dallas, A.	3	2097	Duncan, J. W.	1	1512
Dinnenn, W.	1	1304	Doerr, J.	3	2616
Davis, W. H.	3	1941	Doherty, M. E.	3	2639
Davis, W. D.	3	1944	Day, G. A.	3	2693
Dixon, J.	1	1257	Diamond, L. A.	3	2418
Davidson, C. E.	1	1139	Deckett, H.	3	2420
Dougherty, J.	1	1327	Ducie, C. M.	2	1305
Doneo, Jas.	2	1411	Doherty, P.	3	2712
Davis, P. T.	2	1273	Dart, A.	3	2684
Donovan, Jas.	1	1295	Dailey, A. J.	2	1618
Doyle, C. W.	2	1408	Delaugherty, P. F.	2	1518
Dennison, C. F.	2	1412	Drumville, J.	3	2725
Duffy, J. C.	1	1217	Dewar, J. R.	3	2644
Davis, M.	1	1406	Denny, J. R.	3	2647
Durstan, J. E.	2	1479	Dill, C. C.	3	2653
Dowd, J. T.	3	2294	Desserman, J.	3	2669
Delaney, C. R.	2	1427	Duff, S. S.	2	1320
Ditcher, C.	3	2199	Donner, J. J.	2	1321
Davey, F. E.	2	1143	Dunseith, J. P.	1	1036
Davis, W. T.	1	1352	Dilworth, R.	3	1772
Davis, E. T.	3	1264	Dilworth, R.	3	2786
Ducie, Edward	3	2233	Dee, Martin	1	1616
Domer, A.	3	2010	Davis, A.	1	1585
Dimond, R. J.	1	1395	Downey, J. P.	1	1597
Dwly, J. G.	3	2334	Delly, A. C.	2	1639
Donohue, E.	3	2021	Deno, E. L.	3	2785
Dougherty, J.	3	2509	Davidson, E.	2	1627
Dunn, J. J.	2	1453	Dowling, P. J.	3	2742
Dixon, R. H.	1	1431	Daly, C. H.	2	1631
Drago, L. A.	1	1371	Davidson, P.	3	2885
Drussel, A.	2	1487	Dudley L. A.	3	2767
Dixon, H. A.	3	2499	Dunmeek, H. A.	3	2835
Dutcher, C.	2	1492	Evans, R. R.	2	1165
Denis, A. T.	2	1493	Egan, J. H.	3	1874
Dreenouse, H. H.	3	2323	Ellis, W. M.	2	1338
Devine, D.	1	1445	Evans, W. C.	2	1167
Driscoll, B.	2	1523	Evans, W. C.	2	1314
DuBry, A. O.	2	1544	Eckerly, S. G.	3	1869
Dell, E. G.	1	1440	Egman, W. R.	3	1805
DeJarnette, J. C.	2	1553	Egger John	3	1875
Durston, W. J.	1	1510	Edwards, F. M.	2	1190
Dewey, W. G.	2	1668	Erickson, Chas.	1	1100
Dicinson, H. N.	1	1513	Ewing, J. R.	3	2062
Dunlevy, H. W.	3	2695	Elphisan, F. ...	2	1532
Downing, M.	3	2576	Evans, D. E.	2	1253
Driscoll, J. F.	2	1301	Ensmiger, W.	1	1107
Dunn, W. B.	3	2556	Ernst, J. R.	3	2161

REPORT OF THE BOILER INSPECTOR.

Name.	Class	No.	Name.	Class	No.
Eller, R. W.	2	1217	Freyler, H.	1	1010
Ericks n. E.	3	2172	Finister, B.	3	1908
Erickson, E. F.	3	1305	Falteisek, F. J.	3	1820
Egan, E.	1	1361	Foote, J. H.	2	1205
Erling, J.	2	1130	Foster, L. G.	2	1215
Ely, E. A.	3	2255	Fitzgerald, J.	1	1284
Erickson, M.	1	1306	Fallon, E. M.	3	1129
Egan, John	3	1373	Flood, J. R.	1	1014
Eck, A.	1	1366	Foster, Wm.	1	1135
Elliott, H.	3	2003	Fanning, J. W.	1	1015
Edwards, H. F.	1	1375	Fox, J.	3	2177
Esser, W. M.	2	1335	Ferguson, H. L.	3	2161
Enroth, P.	2	1113	Fister, J. H.	2	1407
Egeberg, C.	2	1439	Fuller, J. H.	1	1297
Ennis, R. J.	1	1381	Fraser, W. A.	3	2089
Elliott, J. D.	3	2277	Flynn, J. P.	3	2095
Ellis, S. A.	2	1438	Fairbanks, C. E.	2	1425
Erickson, E.	3	2422	Finn, C. C.	3	2130
Egan, John	3	2360	Fauduloff, G. E.	2	1431
Eickenberg, H.	2	1291	Faulkner, J. W.	3	2100
Edwards, F.	3	2336	Finnegan, J. M.	2	1379
Esley, R. A.	2	1555	Fisher, J. H.	2	1379
Earley, Jas.	3	1583	Frost, F. E.	2	1360
Eby, Wm.	3	2456	Forest, C. F.	2	1373
Evans, W. A.	1	1349	Farnham, N. R.	2	1375
Estey, J. F.	2	1551	French, O. C.	2	1358
Erickson, O. F. W.	3	2369	Fisher, J. C.	3	2227
Edwardson, G.	1	1546	Fogle, R.	2	1417
Emerz, John	3	2568	Forinder, D.	1	1370
Evans, E.	3	2636	Futter, H. B.	2	1399
Erneberg, F. W.	3	2719	Freil, M. P.	2	1440
Emmons, S. F.	3	2777	Farrel, M.	1	1334
Else, W. H.	1	1550	Fowler, W. H.	3	2250
Elliott, M. J.	3	2784	Furlong, B.	1	1441
Evans, D. L.	1	1593	Freidenberg, G.	2	1526
Evans, Geo.	2	1733	Fitzsimmons, J. C.	2	1384
Evans, Geo.	2	1155	Fitzpatrick, J. J.	3	2275
Eslick, W. F.	2	1632	Frank, E.	3	2319
Finnegan, O.	3	1897	Freeman, A. A.	3	2476
Felts, J. E.	1	1048	Frank, P.	2	1529
Franke,	3	1866	Fulton, W. F.	3	2358
Fryeler, C.	3	1888	Frey, A. C.	3	2601
Fricks, M.	3	1884	Follis, J.	2	1653
Fitchen, G.	3	1871	Flurhman, A.	1	1511
Fisher, T. J.	3	1775	Fitzgerald, A.	2	1661
Foster, S. T.	3	1838	Farnham, O. L.	1	1495
Friday, W.	3	1807	Foy, P. H.	1	1480
Finnerty, J. P.	3	1810	Flanke, John	1	1484
Fenn, Wm.	2	1196	Flanagan, K. P.	2	1566
Fisher, W. J.	1	1074	Foy, E. M.	3	2580
Fisher, Frank	3	2283	Fenley, J.	2	1670
Foley, W. H.	1	1435	Falstron, C. A.	3	2681
Fowler, C. E.	3	2081	Fairbairn, J. E.	2	1760
Forest, E. K.	3	1899	Feiden, J.	3	2715

Name.	Class	No.	Name.	Class	No.
Flesher, G. B.	2	1593	Gaskill, F. I.	1	1396
Fox, E. G.	2	1599	Graulich, H.	2	1424
Foley, C.	3	2751	Gray, C. B.	3	2276
Flannagan, F. J.	1	1573	Grate, O.	3	2282
Foster, R.	2	1621	Grefig, F.	3	2242
Farley, J.	3	2729	Griffith, W. A.	2	1513
Frye, J.	2	1699	Gigure, H.	1	1434
Felts, W. H.	3	2654	Green, P.	1	1422
Fogarty, W. A.	3	2658	Gamasch, T. J.	2	1486
Fister, H. G.		2666	Gurtison, M.	1	1344
Fricke, W. F.	2	1592	Gilman, M. E.	3	2305
Fee, J. A.	3	2791	Graham, J.	3	2508
Flynn, J.	3	2750	Gibelson, F.	3	2355
Fosel, C. F.	2	1595	Garr, R.	1	1337
Griffith, T.	2	1099	Grady, A. A.	3	2485
Gillespie, H. J.	1	1035	Gardner, H. P.	3	2501
Girman, A. E.	1	1033	Gray, Wm.	1	1492
Gassman, H.	2	1180	Goldsworthy, P.	1	1450
Garr, W. D.	1	1047	Greeley, P. J.	2	1511
Gaskill, C. E.	2	1064	Grandchamp, J.	2	1568
Gross, G. W.	3	1840	Ganble, M. E.	1	1455
Granston, C. O.	3	1841	Gray, J.	1	1468
Gray, W. A.	3	2027	Goodiel, F. M.	2	1522
Gilman, C.	2	1197	Grisley, G. E.	2	1296
Godfrey, E.	2	1257	Guetler, E.	3	2432
Gray, A. H.	3	2956	Groner, L. H.	2	1658
Gage, J. M.	3	1821	Green, Geo.	1	1494
Gilbert, J.	3	1822	Green, Thos.	1	1534
Goranson, A. W.	3	1923	Getty, H. B.	2	1505
Grader, W. H.	2	1261	Gallagher, J. B.	3	2538
Graves, T. B.	3	2063	Gray, A.	3	2689
Graham, A.	1	1113	Ganzow, H.	2	1690
Gish, B. H.	3	2106	Graham, H.	2	1303
Gould, N. S.	3	2121	Gaskill, C. E.	1	1487
Goldworthy, W.	3	2102	Griffin, H.	1	1493
Grossnick, A. F.	3	1926	Griffin, J. W.	3	2407
Grotz, C.	3	1928	Goodman, F. A.	3	2414
Goss, J. J.	1	1291	Gates, R. W.	3	2497
Goddard, C. C.	1	1292	Goodwin, P. G.	3	2399
Gardiner, N. J.	3	2162	Gates, W. N.	3	2726
Gracey, J. G.	3	2075	Gillis, A.	1	1536
Grate, G.	3	2196	Gmoose, W. P.	3	2701
Gillis, A.	1	1276	Goss, T. H.	3	2706
Graf, W.	3	1958	Grinnell, A. J.	2	1698
Gilmore, H.	3	1968	Gray, L. A.	1	1549
Gardner, S.	1	1264	Garwood, J. L.	1	1582
Gleason, J. J.	1	1216	Godfrey, S. A.	2	1581
Grant, J. F.	3	2188	Gilbert, J.	1	1560
Griffin, T. A.	1	1259	Griffith, G.	1	1574
Gallagher, W. J.	2	1372	Ganter, T. J.	1	1570
Griffith, John	3	2260	Gibson, W. E.	3	2185
Greenwalt, W. A.	2	1389	Griffin, J. I.	3	1982
Garrison, T. L.	3	2138	Gudelhofer, J.	2	1279

Name.	Class	No.	Name.	Class	No.
Gartrell, E.	3	2723	Hawley, C. E.	3	2206
Gallagher, C.	2	1628	Hartford, H.	3	2210
Garber, D.	2	1315	Hoss, H. J.	3	2211
Griffin, E. E.	2	1583	Hunt, J. J.	3	1940
Gienn, J. H.	3	2829	Hanna, W. L.	3	2223
Grath, J. F.	2	1732	Hanna, Chas.	2	1370
Goss, F. F.	1	1045	Hawley, W. L.	1	1258
Gardner, P. J.	2	1737	Hilliard, C.	3	2192
Hocking, J.	2	1160	Hagen, J.	3	2244
Horne, S. R. A.	1	1037	Hanson, C. L.	1	1013
Holzheimier, J.	3	1872	Hall, R.	3	2676
High, J. T.	1	1126	Hokanson, A. C.	2	1433
Hopkins, E. D.	2	1174	Harris, F. T.	2	1369
Hoskins, W. C.	3	2053	Hanson, F.	2	1277
Hicks, W.	3	1853	Heaney, T.	3	2232
Hegy, A.	2	1194	Hartley, C. E.	3	2230
Harrington, J.	2	1065	Holland, W. H.	1	1209
Hosty, T. P.	1	970	Hotop, C. J.	3	1976
Holmes, E. W.	2	1119	Hathaway, H.	1	1355
Holland, F.	1	1058	Huffman, B. F.	1	1376
Hanley, J.	3	1867	Hambly, J.	3	1960
Hoadley, E. J.	1	1087	Hughes, E. N.	2	1392
Harrington, J. J.	2	1265	Hellan, T. P.	3	2271
Hammicke, C.	3	2049	Holiston, G.	3	2144
Hagerty, J. E.	1	974	Huber, E.	3	2219
Haiselblad, C. J.	3	1925	Hogan, C. O.	2	1481
Harris, W. H.	1	1105	Harper, L. R.	1	1386
Harrington, H. F.	2	1219	Hutchinson, S.	2	1465
Hoskins, J. E.	1	1117	Heageny, C.	3	2249
Hill, T. J.	3	2109	Hills, A. J.	3	2231
Hjert, G.	3	2079	Hoar, S.	3	2234
Hall, C. S.	3	2080	Hunter, M.	3	2007
Hilman, J.	1	1279	Huston, E.	3	2265
Hetherington, J.	1	1235	Hall, S. S.	3	2247
Hood, S.	2	1351	Hugo, W. L.	1	1365
Hafner, C. T.	2	1238	Hulen, M.	2	1458
Himes, C. H.	3	2168	Heal, T.	3	2337
Hadwick, R. A.	1	1147	Hogl, J. C.	3	2312
Hadson, F. J.	1	1289	Hering, E. F.	3	2326
Hartwell, C.	2	1371	Howard, J.	3	2318
Harris, J.	3	2169	Howe, A. P.	1	1465
Henderson, W. B.	3	2157	Hunter, J.	1	1340
Hayes, P. J.	3	1975	Hynes, Geo.	1	1451
Hugie, E.	3	1943	Holden, M. J.	3	2166
Hogan, J. H. ...	1	1148	Heiser, Henry	1	1341
Hartwell, E. J.	1	1253	Higgins, J.	3	2512
Headley, W. E.	1	1302	Hafner, C. L.	1	1469
Hungate, D.	3	1954	Harrigan, Pat	3	1993
Hernisch, H.	2	1248	Howell, T. W.	1	1439
Harris, F.	3	2163	Hughes, F.	1	1463
Hawley, R. M.	3	2203	Harmon, H.	3	2347
Hinsberger, I.	3	1868	Hecker, J. H.	3	2396

Name.	Class	No.	Name.	Class	No.
Helegsson, H.	2	1512	Higgins, C. E.	3	2848
Hutton, C. W.	2	1558	Holderley, J. M.	3	2741
Hiland, J. J.	3	2473	Heath, H. E.	3	2738
Hegman, C.	3	2528	Holland, J. J.	1	1601
Holmgren, W.	3	2540	Haley, T.	3	2675
Howard, J. P.	3	2385	Hair, J. G.	2	1316
Heslop, J.	1	1453	Hurley, F. W.	3	2757
Hurlburt, W. M.	3	2340	Hall, J. C.	3	2881
Heany, P.	1	1443	Herstins, L. A.	2	1728
Haggerty, N. M.	3	2519	Halverson, J.	2	1597
Hensberger, I.	2	1494	Hanson, Thos.	3	2796
Hague, O.	3	2429	Holand, John	3	2781
Hoos, H. J.	2	1556	Haley, L. H. ^g	2	1151
Hall, N. A.	1	1075	Haley, L. H.	2	1438
Hamilton, J.	1	1472	Hawley, J. J.	1	1611
Holland, J.	1	1475	Hanssen, J. P.	3	2599
Hollingsworth, W. L.	1	1483	Harrington, J. J.	3	2892
Hinkley, L. W.	2	1549	Heaney, T.	2	1329
Hamilton, W.	3	2474	Holm, A. M.	1	1156
Harris, C. W.	2	1675	Hosmer, E. C.	3	2766
Herbert, E.	3	2558	Irvine, W. L.	2	1161
Heiser, H.	3	2572	Inglis, G. F.	3	2118
Harris, A. L.	2	1550	Inglis, J. F.	1	1207
Hall, E. L.	2	1571	Inch, W.	1	1373
Hall, A. W.	3	2577	Iverson, S. A.	2	1423
Herbert, F.	3	2563	Irvine, H. A.	3	1977
Hieber, J. H.	2	1664	Irvine, N. J.	1	1383
Hartel, E. J.	3	2395	Irvine, J. A.	2	1499
Hall, W. A.	3	2389	Immans, F. A.	1	1562
Hall, T. H.	3	2384	Iff, R.	3	2762
Howell, L.	2	1528	Jones, R. A.	1	1056
Harvey, P.	3	2615	Johnson, C. A.	3	1915
Holcomb, H. A.	3	2413	Jones, D. J.	3	1887
Hare, J. O.	3	2597	Jenkins, C. K.	1	1070
Heser, H.	2	1567	Jonasson, B.	1	1083
Hartford, J. E.	2	1684	Johnson, J.	1	1132
Hosford, C. E.	1	1523	Johnson, A.	3	2058
Hogan, S.	2	1695	Johnston, F. A.	3	1816
Hogan, M.	3	2669	Johnson, H. E.	2	1213
Hultburg, C. A.	3	2710	Jones, H. E.	2	1536
Hill, D.	1	1236	Jennison, A. J.	1	1109
Haxley, J.	1	1497	Jessen, B.	2	1214
Howard, F. W.	3	2575	Jeffrey, J. M.	2	1222
Harris, A.	3	2627	Jensen, J. W.	2	1210
Holm, H. M.	3	2416	Jones, I. B.	2	1231
Hill, C.	2	1310	Johns, W. H.	1	1020
Harvey, G. A.	2	1619	Jackson, W. E.	2	1243
Hooper, J.	3	2758	Johnson, P. J.	3	2158
Highland, M. J.	3	2773	Jackson, A.	2	1131
Hawksworth, A. L.	1	1580	Jackson, C. A.	3	2204
Horn, H.	3	2776	Johnson, S.	3	1948
Hunt, W. H.	3	2794	Judd, C.	3	1959

Name.	Class	No.	Name.	Class	No.
Johnson, F. F.	3	1995	Kelley, R. B.	1	1041
Johnson, S.	3	2180	Kilburn, A. L.	3	1873
Johnson, C. A.	2	1362	Knutson, C.	3	1835
Johnson, W. P.	3	2214	Kellott, E. G.	3	1868
Jeffers, M. E.	1	1312	Kendall, G. H.	3	2678
Jackson, C. A.	1	1374	Kendall, C. H.	3	2033
James, J. W.	3	2353	Kertz, J. G.	3	1879
Jacobson, J.	2	1386	Keating, J. A.	3	1905
Johnson, C. F.	2	1286	Kannen, P. H.	3	1805
Jose, A. J.	1	1012	Kolbenson, M.	1	1080
James, W. E.	3	2011	Kerig, E. F.	3	1807
Jeckel, C.	1	1417	Kincaid, C. W.	2	1251
Jones, F.	1	1338	Kriser, J.	2	1216
Jemsen, J. S.	2	1502	Kemp, A. F.	2	1227
Jones, H.	3	2498	Klaeitz, R.	2	1224
Jackins, G.	3	2274	Kain, W.	3	1930
Johnson, J. M.	3	2481	Kraumick, C. W.	1	1287
Jones, R. A.	2	1519	Kitto, W. J.	3	2182
Jones, C. M.	2	1484	Klaney, L. A.	2	1241
Jennings, J. H.	3	2434	Kiley, J.	1	1025
Jones, W. T.	3	2330	Krans, J.	2	1272
Jeffreys, R. C.	3	2377	Keefert, W.	3	2155
Jackson, J. E.	3	2532	Krebs, F.	2	1249
Jennings, Dan	2	1665	Kopp, J.	3	2096
Johnson, E.	2	1677	Kellum, N. A.	2	1402
Jackson, P.	3	2702	Kerr, S. W.	3	2013
Johnston, D.	3	2559	King, Geo.	3	2176
Johnston, J.	2	1299	Kiely, M. J.	1	1958
Joslyn, H. W.	3	2309	Kroll, A. M.	3	2189
Jenkins, C. F.	3	2579	King, J. L.	3	2146
Jergensen, J.	3	2594	Kaiser, A. C.	2	1416
Jennings, J.	2	1579	Kelly, R. P.	1	1420
Jackson, O. P.	3	2567	Kranich, M.	3	2286
Johnston, P. S.	2	1667	Kessler, R.	2	1477
Jergensen, J. A.	3	2717	Kelly, J. H.	3	2348
Jones, N. E.	1	1533	Keiserman, J. R.	2	1501
Jewett, M. P.	3	2645	Kendall, P. F.	3	2298
Jones, G. E.	2	1691	Koontz, R. C.	3	2365
Johnson, C.	3	2423	Kennedy, W. J.	3	2483
Jackson, S.	2	1594	Kannard, H. H.	1	1343
Jones, H. W.	1	1604	Kramer, J. F.	1	1459
Jones, J. M.	3	2761	Kriber, F.	1	1384
Johnson, J. P.	3	2650	Kaiser, J. B.	1	1347
Jilbert, J.	2	1322	Kingsbury, E. J.	1	1461
Johnson, S.	2	1073	Kelly, J. P.	3	2514
Johnson, E. N.	2	1526	King, G. F. W.	3	2521
Jones, J. H.	2	1642	Knoll, A. M.	3	2437
Jacobson, J.	3	1847	Kohnen, H.	3	2467
Jenkins, W. T.	3	2899	Kent, J.	1	1501
Jenss, O. C.	3	2882	Keffert, R.	1	1476
Jones, W. T.	2	1330	Kelley, S. P.	3	2554
Jackson, A.	1	1154	Kuntz, J. L.	3	2707

Name.	Class	No.	Name.	Class	No.
Koch, W.	2	1298	Lynch, J. J.	1	1308
Kelsey, L. W.	3	2410	Logan, G. W.	2	1142
Kimball, S. J.	3	2565	Leasge, C.	2	1133
Kachelhoffer, J. M.	1	1500	Lindsay, C. A.	1	1288
Koller, J.	2	1671	Leggat, R.	1	1017
Kelly, P. J.	3	2424	Long, J. C.	1	1201
Kerin, J. F.	3	2705	Logee, H. F.	1	1141
Kelly, T. J.	3	2685	Lange, M. K.	2	1406
Killip, R. F.	3	2672	Lindlief, C.	3	1937
Kingsley, F. C.	3	2631	Lampon, R. E.	3	1951
Kent, J. H.	2	1308	Lowrey, A.	3	2190
King, C.	3	1612	Lappin, H.	1	1218
Kammerer, C.	1	1588	Lindstrom, J.	3	2226
King, S.	3	2425	Lenahan, W. H.	1	220
Kieser, F. J.	3	2893	Lanson, A.	1	1313
Kozak, J.	3	2618	Lemm, H. H.	2	1364
Kirkwood, C. R.	1	1581	Lambrecht, R. F.	2	1145
Kelly, C. O.	1	1595	Locker, A.	3	2299
Kimbrough, C. H.	3	1852	Lynch, P.	1	1383
Krodel, J.	1	1009	Loveland, D.	2	1476
Krodel, J.	1	1610	Laidlaw, C. P.	1	1318
Kranz, M.	3	2708	Lowrie, W. E.	2	1524
Kane, M.	2	1729	Lehrkind, W.	2	1292
Kelly, J.	3	2771	Lawrence, J. F.	3	2324
Kenney, H. A.	1	1153	Logan, G. E.	3	2316
Lees, S. N.	1	1040	Leach, H. E.	3	2503
Lawler, W.	3	1957	Lyford, C. A.	2	1569
Langner, C.	3	1877	Lanston, J. J.	2	1559
Lehson, H. W.	3	2031	Lidgate, H.	2	1532
Longmaid, C.	1	1050	Lynch, D. J.	3	2428
Longstaff, J. A.	3	1839	Lynes, A. E.	2	1663
Loreny, C. B.	2	1157	Lizee, N.	1	1234
Langdon, H. C.	3	1801	Lacox, F.	2	1563
Leshner, H. A.	3	1882	Lawrence, J.	3	2590
Loucks, C.	2	1185	Lindsay, B. M.	1	1547
Lemhert, C. C.	1	1086	Larson, W.	3	2737
Lynch, F. J.	2	1264	Law, J. T.	1	1577
Larson, J.	3	1919	Lowney, C.	3	2788
Lumogren, E.	3	2026	Likes, C. N.	3	2795
Lorry, F. E.	2	1206	Lewis, M. P.	3	2728
Lindstrom, A. E.	3	2112	Lester, F. M.	3	2657
Lloyd, W. R.	1	1131	Linn, J.	3	2840
Leach, F. E.	2	1212	Lytle, E. M.	3	2797
Lumburt, G.	3	2113	Lalonde, J.	2	1326
Laloube, J.	2	1232	Laughlin, S.	1	1367
Lyle, T.	3	1931	Lewin, R. C.	3	1971
Lamont, W. H.	3	2069	Lyons, W. B.	2	1143
Longberg, J.	2	1223	Lutz, H. J.	1	1252
Lubke, A.	1	1278	Lord, W. H.	3	2221
Larsen, T.	3	2156	Lambertin, J. W.	2	1432
LaForge, C.	3	2201	LaSage, J.	1	1385
Lannon, J. M.	2	1374	Long, J.	3	2279

REPORT OF THE BOILER INSPECTOR.

Name.	Class	No.	Name.	Class	No.
LaGroff, J. C.	1	1426	Merritt, E. W.	1	1416
Larson, W. W.	2	1488	Messner, M.	2	1462
Little, B. S.	1	1438	Merritt, H. E.	2	1509
Leim, J.	3	2345	Mott, C. H.	1	1231
LaGrand, A. J.	3	2311	Masterson, C. S.	3	2335
Lickliter, H. L.	2	1290	Moore, H. A.	3	2327
Lewis, J. R.	1	1447	Matthews, O. N.	3	2295
Lindsey, J. B.	1	1446	Mullone, C.	2	1184
Lowry, J. W.	3	2518	Morse, W. S.	2	1159
Leech, F. E.	1	1233	Milburn, P. W.	3	1849
Lohr, G.	3	2523	Manery, B. J.	2	1118
Lowler, E.	3	2562	Marsh, A. H.	1	1091
Lowery, F. R.	3	2408	Meissner, H.	2	1186
Locks, F. G.	3	2586	Marshall, S. V.	3	2110
Lyons, M.	3	2573	Martin, H. W.	2	1209
Lane, J. P.	3	2600	Madden, M. D.	3	2048
Lannon, H. P.	1	1544	Majors, A. I.	3	1823
Linman, J. J.	2	1726	Middlewaite, A. E.	3	2108
Lorner, T. H.	1	1155	Melger, C.	3	2059
Lyle, A.	3	2624	Maher, J. F.	3	1065
Leach, E. W.	1	1245	Moran, R.	1	1288
Lynch, J.	1	1614	Medin, J. F.	2	1355
Lynch, Wm.	3	2837	Mueller, A.	2	1352
Lafort, A. D.	3	2895	Murray, T. W.	3	2092
Martin, J. W. E.	3	1895	Moore, P.	2	1134
Meehan, J. J.	3	2028	Minckler, E.	3	2186
Major, M. F.	2	1075	Miller, J. S.	1	1205
Mackin, O.	3	2045	Morris, J. F.	2	1444
Manley, M.	2	1202	Murray, M.	2	1359
Murphy, M. J.	3	2041	Metcalf, E. L.	2	1150
Mann, J.	3	2042	Morrison, J. R.	1	1412
Mahoney, J.	1	1133	Mason, W. N.	2	1456
Monroe, G.	3	2032	Manning, L. D.	2	1284
Mason, F.	2	1256	Malitor, J. P.	3	2256
Mitchell, W.	3	1924	Mapes, W.	1	1333
Magill, C. O.	2	1221	Moore, O. E.	2	1457
Martin, P. R.	3	1824	Morris, J.	3	2364
Mapes, W.	2	1229	Mott, W. L.	2	1293
Miller, A.	3	2175	Metcalf, J.	3	2492
Mills, J.	1	1150	Mahler, E. C.	3	2496
Matteson, E. W.	1	1281	Marks, F. H.	2	1470
Mecker, C. G.	3	1939	Molinder, O. A.	3	2301
Martin, J., Jr.	2	1363	Manning, J. M.	2	1482
Mack, C.	3	2197	Murray, T. W.	2	1485
Mitchell, M. W.	2	1404	Marsh, R. P.	3	2480
Murphy, D. T.	2	1137	Mahoney, J. W.	2	1575
Matlock, G. H.	3	1967	Meehan, W. E.	3	2331
Matteson, M. C.	1	1329	Mitchell, J. E.	2	1497
Moe, E. A.	2	1394	Miller, H. S.	3	2546
Murphy, C.	1	1364	Magrath, T.	2	1541
Meyer, H. J.	3	2140	Montgomery, G. W.	3	2560
Madden, T. F.	3	2273	Moore, J. T.	2	1306

Name.	Class	No.	Name.	Class	No.
Myers, O. K.	3	2530	Morgan, H. H.	1	1618
Manion, T.	1	1485	Monhan, H.	2	1736
Mayhen, P. W.	3	2607	Morgan, D. S.	3	2845
Murphy, E. L.	3	2604	May, J. E.	3	2878
Modeslitt, F. F.	3	2405	Matteson, C. G.	2	1324
Marcoe, A. F.	3	2381	Muir, J.	1	1600
Murphy, J. R.	1	1493	McIver, R. P.	3	1900
Mordaunt, T.	2	1608	McHale, M. F.	1	1059
Muerez, J. K.	2	1689	McAllister, D. H.	3	2660
Matteson, I.	3	2632	McNamara, J. C.	1	971
Mitchell, C. C.	1	1564	McGlyn, J. F.	1	1064
Muhlig, B. C.	3	2743	McMillan, H. L.	3	1847
Mason, J. W.	2	1735	McLane, A. E.	3	1888
Mollency, M.	2	1584	McLane, M. N.	3	1846
Murphy, T. J.	3	2648	McGowan, F.	1	969
Maxwell, J. J.	3	2662	McLoughlin, J. S.	3	2050
Morrison, A. J.	3	2828	McDonnell, C. J.	1	1227
Mack, G.	2	1609	McLeod, D. J.	3	1917
Masterson, J. W.	1	1592	McPherson, M.	2	1262
Miller, J. T.	3	2754	McHugh, P.	2	1211
Mixkos, V.	3	2769	McKinnon, C. F.	2	1237
Mueller, P.	2	1623	McKiernan, C. F.	1	1296
Montgomery, J.	3	2900	McKelby, A.	1	1145
Mitchell, T.	3	2841	McKivett, T.	3	1956
Murphy, P. H.	2	1483	McAuliff, D.	1	1149
Mendenhall, S. H.	3	2477	McIntosh, H.	3	2174
Moran, Wm.	2	1530	McNeely, F. M.	3	1963
Middlesworth, T. S.	3	2458	McKinney, J.	1	1321
Moore, O. A.	3	2605	McConnell, S.	2	1418
Marson, J.	3	2433	McNamara, J.	1	1325
Masel, J. C.	2	1654	McCormick, H. B.	2	1436
Martin, J. H.	2	1659	McManus, J.	1	1211
Mitchell, J. W.	3	2443	McQuire, D.	3	2195
Mitchell, A.	2	1576	McPherson, D.	2	1380
Marshall, J. T.	3	2544	McAuliff, W. J.	1	1392
Meadows, W.	3	2421	McCabe, F. D.	2	1428
Messenger, W.	3	2383	McClatchey, W. G.	3	2014
Melville, M.	3	2608	McKay, F. W.	3	2254
Miller, A.	2	1570	McDonald, J.	3	2159
Mattix, L. H.	3	2390	McDonald, A. A.	1	1332
Meaney, D. H.	1	1527	McAllister, W. A.	3	2494
Mackin, I.	3	2711	McNabb, J.	3	2366
Matteson, A. A.	3	2630	McHale, J.	3	1861
Miles, A. C.	2	1636	McHale, J.	2	1181
Murphy, J.	3	2770	McGuire, J. M.	2	1253
Mather, A.	1	1561	McDonald, J. E.	2	1172
Montgomery, J.	3	1608	McNamara, P. C.	1	972
Ming, R.	3	2724	McNierney, M.	2	1120
Murphy, C. C.	3	2659	McCanna, E. W.	1	1054
Marcille, J.	1	1049	McNierney, P. F.	3	1803
Mandill, D. E.	1	1619	McMahan, J. J.	1	1062
Murphy, M. C.	1	1249	McDonald, G. R.	3	2036

Name.	Class	No.	Name.	Class	No.
McNeely, F. M.	3	1913	McGuire, H. B.	1	1470
McConnell, F. M.	2	1260	McDonald, J.	3	2566
McNelled, J. C.	3	2060	McMannamay, W. P.	3	2403
McIlroy, R.	3	2114	McCabe, B.	3	2529
McCune, A. F.	1	1251	McMann, F. A.	2	1531
McFadyen, J. L.	3	1947	McNulty, J. P.	3	2450
McGlaulin, W. E.	2	1403	McPhail, J. A.	1	1516
McDonald, P. H.	3	2212	McLoughlin, J. T.	2	1610
McGivern, J.	3	2088	McDonald, D.	3	2574
McDonald, J.	3	1935	McMinn, J. T.	3	2643
McNichols, J.	1	1202	McDougal, D. A.	3	2746
McDonlad, M.	1	1212	McKinnon, D. J.	1	1617
McDonald, D.	1	1324	McDonald, J.	1	1241
McLane, B. J.	3	2198	McCoy, J. O.	3	2673
McGovern, T.	2	1278	McCabe, M. J.	1	1598
McAuliff, C.	1	1311	McDonough, W. H.	3	2787
McCartin, J.	2	1276	McDougall, E. F.	3	2789
McLoughlin, P. W.	2	1147	McGrath, M. F.	2	1730
McFall, P.	3	2315	Norton, G. L.	3	1850
McMullen, J.	1	1275	Nash, E. H.	1	1073
McGarry, M.	3	2235	North, G.	3	2159
McDonald, C. E.	1	1387	Nagle, J. T.	1	1108
McKay, J. R.	2	1454	Nason, G. L.	1	1016
McHugh, W.	3	2489	Nelson, C.	3	2062
McElhaney, A.	3	2272	Normaly, J.	3	2084
McFarrin, G. W.	2	1289	Newberry, J. P.	2	1240
McQuaig, J. A.	2	1515	Nordstrom, O. J.	2	1139
McKiernan, T. E.	2	1534	Noble, D.	3	2253
McAuliff, T. J.	2	1537	Nickerson, D. C.	1	1356
McCarty, E.	3	2533	Noble, Tom	1	1317
McHugh, P. J.	3	2427	Nelson, E.	2	1439
McDonald, J.	1	1506	Neill, D.	3	2145
McCormick, R. T.	3	2582	Newton, H. G.	1	1254
McCune, M. J.	1	1509	Nixholm, C. A.	3	2131
McClure, I.	2	1662	Nelson, N.	3	2350
McMillan, H. L.	3	2448	Neth, G. N.	2	1400
McMillan, J.	1	1531	Nobak, F. J.	3	2357
McCracken, J.	3	2596	Norris, F. H.	2	1521
McDermott, A. A.	2	1612	Northey, G.	1	1458
McLeod, D. J.	3	2641	Neely, E. H.	1	1460
McMillan, A.	3	1565	Nason, N. B.	1	1316
McMahan, P.	3	2735	Nash, J. M.	3	2545
McDonough, J. J.	3	2663	Nemmo, J.	2	1548
McCutcheon, G. O.	3	2625	Nulliner, H.	3	2602
McKenzie, J. A.	1	1613	Newbold, J. F.	3	2542
McDonough, W. H.	3	1848	Newbaus, W.	2	1307
McDonald, J.	1	1599	Nichols, C.	3	2442
McMillan, H. S.	3	2890	Newcomb, C. R.	3	2683
McNichols, J. L.	3	2462	Niven, T.	2	1607
McGregory, A.	2	1565	Nesbitt, F. W.	2	1635
McVitty, R. A.	2	1498	Nicholson, G.	2	1601
McAllister, E. C.	3	2464	Nightlinger, A.	2	1606

Name.	Class	No.	Name.	Class	No.
Nankervis, J. T.	2	1615	Ortle, H.	3	2763
Neseng, H. J.	3	2622	Pascoe, W. H.	3	1855
Neill, E. D.	2	1317	Price, T.	3	1192
Noonan, A. J.	3	2800	Palmer, A. J.	2	1177
Noble, D. A.	1	1605	Phelps, T.	3	1902
Orr, J. S.	3	2055	Parrot, L. M.	1	1099
O'Donnell, D.	3	1856	Prentice, G. D.	2	1193
Osborne, W. H.	3	1845	Punches, C. A.	3	1812
O'Neill, D.	3	2040	Phillips, J. E.	3	1813
O'Donnell, J.	3	2029	Powell, J.	3	2115
Ogle, T.	1	1690	Pearson, J. T.	1	1007
Ogden, H. N.	1	1007	Price, J. C.	3	2067
Overturf, F. H.	3	2076	Perkins, R. C.	3	2061
O'Donnell, J. M.	3	1950	Parry, D. E.	1	1115
Olson, L.	2	1265	Pedlar, C. R.	3	2073
O'Neill, P. H.	2	1126	Palmer, C. E.	2	1374
O'Brien, P.	2	1409	Pearce, C. E.	2	1144
O'Brien, J. D.	1	1021	Parker, W.	1	1134
O'Boyle, G.	2	1132	Parker, N.	1	1263
O'Connor, E.	1	1290	Price, S.	3	2091
O'Toole, J.	1	1379	Pengally, J. A.	1	1018
Oswell, G.	1	1335	Painter, A. J.	3	1962
O'Donnell, A. J.	1	1380	Parker, T. W.	1	1143
Olson, J.	3	2237	Pringley, Z. T.	2	1333
Orr, O. D.	2	1146	Pendergast, J. E.	1	1203
Oertle, C.	3	2252	Predmore, W.	2	1367
O'Grady, D.	1	1401	Phillips, J. A.	2	1472
O'Rourke, J.	3	2370	Punches, S. J.	1	1327
O'Brien, T. A.	3	2363	Pierce, W. H.	3	2290
Otto, H.	3	2296	Penhale, M. H.	3	1957
Olson, J. T.	3	1552	Pogson, J. T.	1	1326
O'Rourke, C.	1	1477	Pool, E. G.	3	2135
Ogle, R. T.	3	2475	Pendergast, W. G.	3	2217
O'Neill, C. J.	3	2520	Price, F.	3	2259
Orman, H. C.	2	1543	Phillips, J. M.	3	1989
Ogilvie, G.	2	1657	Patrick, J. S.	3	2194
O'Grady, G.	1	1239	Painton, J. J.	2	1138
Owens, L.	1	1526	Plummer, B. F.	1	1272
Ohnasorge, C.	3	2342	Pace, W. G.	1	1378
Ogle, W.	3	2612	Porter, G.	3	2267
Odaman, L.	2	1666	Pugh, G. D.	2	1445
Orr, J. T.	2	1685	Plass, H. R.	3	2141
Olson, E.	3	2646	Potts, G. W.	3	2289
Okrafka, F. W.	3	2593	Pritchard, J. T.	2	1442
Opie, N.	1	1529	Panquest, A.	2	1450
Osborn, R.	1	1235	Punches, R. S.	3	2238
O'Conner, J.	3	2779	Peters, J.	1	1409
O'Leary, T.	1	1569	Perkins, W. H.	2	1496
O'Brien, D.	1	1538	Person, L. C.	2	1489
O'Donnell, D. F.	3	2896	Phillips, J.	3	2329
O'Brien, J. J.	2	1727	Parr, A.	3	2310
O'Dill, G. W.	2	1312	Porter, R.	3	2268

REPORT OF THE BOILER INSPECTOR.

Name.	Class	No.	Name.	Class	No.
Poirier, E. J.	2	1503	Quaid, M.	3	2764
Porcell, P.	3	2362	Rooney, M. J.	3	1851
Peterson, L.	2	1525	Ross, E. C.	1	1032
Place, H. R.	3	2361	Russel, F.	1	1042
Powers, E. J.	1	1339	Ryan, M. C.	1	1031
Pomeroy, L. A.	3	2479	Reeves, K. M.	1	973
Pedden, J.	3	2500	Reid, H.	1	967
Philpott, R. J.	2	1508	Ralph, J. H.	3	1890
Palmer, W. F.	2	1545	Richter, C. C.	3	1885
Patterson, W. J.	3	2513	Robinson, M. A.	3	1895
Polley, A. E.	2	1447	Ryan, J. H.	2	1170
Paquin, E.	2	1300	Ray, J. C.	1	1063
Pennoyer, F. W.	2	1542	Ryan, T.	3	1880
Powrie, G. W.	1	1508	Renshaw, C. H.	2	1254
Pieriky, J. L.	2	1580	Ray, J. R.	1	1011
Peel, W. H.	2	1578	Ross, J. W.	2	1258
Patterson, J. L.	1	1482	Rogers, C. H.	1	1088
Perrin, O. A.	1	1471	Rossman, A. B.	1	1123
Phillips, J. G.	3	2539	Ritz, A. F.	1	1121
Prosser, W.	3	2466	Ringelberg, C.	3	2105
Patterson, C. H.	1	1488	Reed, A. F.	3	2071
Palmer, J. B.	3	2401	Robey, P.	3	2123
Perrett, G.	3	2449	Rourke, J.	1	1282
Parr, A.	3	2589	Roberts, W. J.	3	1934
Peever, G.	2	1540	Richey, J. A.	2	1233
Pauline, R.	3	2400	Royles, H.	1	1255
Palmer, W. E.	2	1679	Rennert, F.	2	1136
Parent, H.	3	2679	Roberts, W. H. T.	3	1972
Pascoe, S. E.	2	1602	Redding, W. B.	2	1245
Pemmicard, C. J.	3	2698	Rogers, P. J.	3	2128
Pankey, J. E.	3	2677	Ralph, W.	3	2205
Plum, W.	2	1684	Redding, G. A.	2	1435
Pedlar, H. M.	3	2718	Rundberg, O. G.	2	1366
Perry, C. W.	3	2621	Reddy, T.	1	1224
Pahls, H.	3	2755	Reese, R. C.	2	1420
Parker, W. E.	1	1567	Richards, J.	1	1269
Parker, J.	1	1568	Rogers, T. F.	3	2147
Perry, E. L.	3	2694	Rogers, F. P.	3	2002
Powers, J.	2	1588	Rosse, J.	3	1983
Peters, I. A.	3	2720	Roose, F.	3	1992
Parker, S.	1	1615	Rife, F.	2	1351
Pierce, J.	3	2649	Roberts, L. D.	1	1273
Pill, E.	3	2652	Ross, D. G.	1	1351
Patterson, C. A.	3	2842	Regan, W. J.	3	2004
Prosenick, F.	3	2888	Ruse, R. C.	1	1226
Plowright, E.	3	2898	Range, J. J.	1	1428
Pierce, R. H.	3	2839	Ryan, L. B.	2	1395
Queen, W. J.	3	2303	Rostum, M.	3	2304
Quist, J.	3	2269	Roberts, J.	3	2317
Quinn, F. A.	1	1502	Ramsey, F. P.	1	1228
Quilty, J.	3	2626	Ribbs, P. A.	3	2020
Quaintance, B. F.	2	1587	Ross, F. W.	3	2491

Name.	Class	No.	Name.	Class	No.
Ray, T. C.	3	2025	Russel, W. E.	3	2877
Rothschild, M.	3	1505	Rogan, W. A.	3	2352
Raso, D.	2	1554	Ray, R., Jr.	1	1532
Rentfro, M. F.	3	2469	Rennington, G. D.	3	2084
Roberts, J. J.	3	2378	Rogers, G. I.	1	1594
Rathburn, C. E.	1	1467	Rice, H. C.	3	2836
Rosenberger, R. C.	3	2412	Rahmstorf, J.	2	2894
Raines, E. F.	3	2555	Redeen, C.	3	2897
Richards, A. M.	2	992	Rogers, P. J.	2	1328
Rohne, P. E.	1	1491	Ryan, D.	2	1587
Raider, E. H.	1	1659	Strom, W. B.	2	1121
Ryan, T.	3	2422	Sullivan, A. M.	2	1166
Rule, W. G.	1	1541	Swan, E. M.	1	1043
Riley, F. R.	3	2437	Sullivan, J. J.	3	1862
Rieth, F. A.	3	3093	Stevens, W. W.	1	1055
Russel, J.	3	1363	Scott, W. B.	2	1182
Rundling, N.	3	2101	Schmidt, H. A.	3	1773
Riley, T.	1	1236	Swan, J.	1	1046
Reeves, G.	3	1961	Southcombe, F.	3	1892
Ryan, J. H.	3	1985	Smiley, J.	3	1837
Robinson, W. J.	1	1286	Simons, J. C.	3	1912
Richards, W. C.	3	1961	Stedden, W. F.	1	1030
Renshaw, C. W.	1	1222	Steckler, J.	3	2046
Ross, H. W.	3	1987	Steele, A. J.	1	1034
Riley, M. C.	1	1116	Spratt, B.	1	1038
Rowan, G. B.	1	1524	Smith, E. T.	2	1115
Ramspecker, G. F.	2	1426	Savage, G. H.	2	1152
Rathbone, J.	3	2143	Savage, G. H.	2	1640
Rose, P. S.	3	2257	Sebastian, J.	3	1842
Reddy, M.	3	2351	Sebastian, J.	3	2793
Rossiter, J. P.	1	1420	Short, E. E.	3	1844
Roasar, P. F.	2	1463	Sage, C. E.	3	1804
Ryan, D.	3	2266	Smith, R. E.	3	1901
Ross, J. R.	3	2321	Sunday, P.	2	1270
Roberts, M. C.	1	1227	Swift, S. W.	1	1067
Ray, J.	1	1730	Sullivan, W. H.	1	1006
Rickell, W. J.	1	1397	Schott, A.	1	1071
Redfern, G. H.	3	2478	St. Jermain, S.	2	1119
Ryan, A.	3	2470	Smith, F. A.	3	2038
Reynolds, S. B.	3	2468	Shay, J. J.	2	1207
Riegel, E. E.	3	2525	Shay, B. J.	1	1114
Redda, W.	1	1457	Steele, W. E.	1	1090
Rae, H. M.	3	2591	Scott, D. C.	2	1188
Rhodes, J. W.	2	1538	Shuber, E.	3	2051
Rae, J.	3	2592	Sauer, W.	1	1103
Richardson, R. E.	3	2692	Stipe, H. O.	1	1092
Rosenleaf, J.	3	2763	Steffe, P.	2	1060
Rogers, M. J.	3	2635	Smith, W. P.	3	2064
Roehl, P.	3	2716	Shipton, A.	3	1909
Redding, A. B.	3	2784	Shumk, M. W.	3	2037
Rennick, H. W.	1	1576	Stuart, G. A.	3	1815
Ricco, D.	3	2671	Stonar, D.	1	1093

Name.	Class	No.	Name.	Class	No.
Shoughenessy, T. H.	1	1104	Stevens, C. E.	3	2439
Sabin, V. B.	1	1283	Suiter, E.	1	1474
Sullivan, J. P.	1	1122	Shanahan, M.	2	1376
Sayles, F. D.	3	2107	Shaugnessy, M. J.	1	1024
Simons, H. E.	3	1932	Shunk, C. W.	1	1268
Smith, F. D.	1	1298	Serre, L.	3	2136
Sanouci, E.	3	2094	Sullivan, J. C.	3	2213
Skewes, J. J.	3	2152	Slater, J. B.	3	2229
Shaw, C. G.	3	2179	Sailsbury, E. L.	3	1979
Singer, J. A.	1	1144	Simmons, J. E.	3	2000
Scott, W. W.	3	1991	Sheely, P. W.	1	1368
Sommer, L.	1	1978	Sewell, J.	1	1271
Snow, F. R.	2	1235	Sowa, J.	3	2149
Sherman, L. A.	3	2173	Schiffurn, J. A.	1	1354
Schott, E. A.	3	2170	Stephens, J. H.	1	1360
Scott, G. H.	3	1938	Strand, C.	3	2245
Stride, W. J.	3	2090	Sinsel, J. C.	2	806
Shallman, L.	3	1953	Schaffer, G.	3	2270
Sherman, D. I.	1	1307	Smith, J. F.	1	1221
Semmens, W. J.	1	1260	Shehan, J. S.	1	1390
Sewell, J.	1	1262	Stevenson, A.	3	2262
Sweeney, W.	3	2129	Steavens, H. A.	1	1415
Smith, P. M.	1	1261	Selfridge, D. W.	1	1437
Scott, E. C.	3	2225	Sandbock, C. R.	3	2313
Sharkey, F.	3	2001	Schamber, M.	3	2349
Simmons, G.	3	1999	Sullivan, J. M.	1	1389
Sweet, R. B.	3	2148	Sullivan, J.	3	2302
Shanley, F. V.	1	1382	Sailsbury, A.	3	2359
Sandon, W. J.	3	2291	Smith, J. A.	3	2488
Stuart, L. T.	3	2240	Smith, V. F.	2	1294
Seberfin, H. E.	1	1402	Stabens, F.	3	2371
Stoneman, E.	2	1451	Stevens, B. F.	3	2374
Steiner, E. G.	1	1342	Scallen, M. J.	2	1518
Scott, B. R.	2	1419	Squires, W. H.	2	1297
Smith, H. P.	2	1140	Seward, V.	3	2320
Stanhope, L. H.	1	1403	Stevens, W. B.	1	1350
Swartz, F.	3	2248	Stevens, G. L.	3	2376
Skinner, J. U.	3	2016	Swanson, A.	2	1656
Salay, J.	1	1319	Smith, T.	3	2541
Shay, W. I.	1	1398	Sullivan, R. V.	2	1655
Stabler, H. J.	2	1451	Sandey, A.	1	1346
Skirving, A. F.	2	1287	Smith, J. J.	1	1487
Shogren, O. C.	3	2308	Stafford, E. G.	3	2394
Seek, W. F.	3	2017	Skees, J. E.	2	1573
Stangl, A. M.	3	2024	Stean, J. E.	1	1504
Schultz, H. R.	3	2495	Smith, J. M.	3	2619
Szitrick, J. W.	3	2506	Stoden, R.	3	2561
Sunstrom, O. A.	3	2372	Streech, E.	3	2526
Schmidt, O.	1	1348	Studt, W. K.	3	2385
Saville, C.	3	2412	Scott, W.	3	2534
Schultz, J. E.	3	2453	Strothanan, H. L.	3	2553
Slyater, G. R.	3	2550	Scholes, A.	3	2613

Name.	Class	No.	Name.	Class	No.
Sevanson, J. C.	3	2411	Thorne, G. W.	2	1173
Sittser, B. J.	3	2446	Tully, H.	2	1059
Strach, L.	3	2382	Thompson, A. M.	1	1006
Smith, C. A.	3	2393	Trudell, A.	3	2043
Stevens, P. A.	1	1240	Temlinson, J. J.	2	1203
Schneider, L. A.	1	1539	Trahan, T.	2	1168
Sullivan, J.	3	1690	Temeyck, M. P.	2	1198
Stevens, H.	3	2454	Thomas, P. O.	2	1200
Stone, N. E.	1	1551	Tiggeman, T. H.	1	1095
Sanders, J. A.	3	2730	Tate, S.	2	1191
Stingley, O.	1	1486	Troxell, H. I.	3	1916
Spalding, A. E.	3	2727	Trainer, T.	1	1076
Simmons, E.	2	1686	Trainer, T.	1	1077
Shay, T.	3	2640	Thunne, W. A.	3	2074
Sweeney, J.	2	1611	Tucker, W. F.	2	1230
Statts, W. F.	2	1622	Taylor, J. T.	3	2082
Seelos, G.	3	2612	Thurston, A. I.	2	1127
Smith, M. G.	3	2628	Thomas, J., Jr.	3	2116
Skogstead, G.	3	2634	Tyack, J.	3	2122
Shafer, W. D.	3	2638	Thomas, W. H.	1	1022
Stinson, T.	3	2491	Tilbury, G. H.	3	2207
Scott, M. C.	2	1307	Traher, R.	3	2220
Sullivan, P.	1	1540	Thomas, C.	2	1135
Sullivan, E.	1	1246	Tatro, H. W.	2	1228
Sullivan, M. K.	1	1247	Thompson, T. K.	3	2125
Spratt, W.	1	1563	Thibedeau, F. C.	1	1294
Smith, W. H.	1	1558	Taylor, H.	3	2124
Simpson, W. C.	3	2739	Troxell, H. S.	2	1274
Shayley, J. F.	3	2620	Thomas, W. H.	1	1208
Stanniford, E.	1	1603	Thompson, F.	2	1405
Stone, J. B.	2	1590	Trotter, B.	2	1387
Smith, W. F.	3	2772	Thomas, J. R.	1	1267
Southmaid, J. B.	3	2753	Tierney, T.	3	1984
Stevens, H. B.	1	1602	Todd, B. W.	3	1994
Staedler, A.	3	2886	Thew, T.	1	1225
Soater, T. A.	2	1620	Tebbetts, E.	2	1416
Sweet, W. T.	3	2752	Turcott, S.	3	2251
Scheckenbach, F.	2	1614	Tedford, W.	3	2257
Sullivan, D. P.	1	1578	Travis, T.	1	1328
Sullivan, C. J.	2	1319	Trackwell, J.	3	2012
Sullivan, John	3	2756	Tyack, W.	1	1419
Scrivens, G. W.	2	1171	Trattan, D. W.	1	1448
Sullivan, D. K.	1	1591	Traggonning, J.	2	1464
Shafer, J. H.	3	2745	Thomas, J. H.	2	1474
Smith, E. G.	1	966	Turner, E.	2	1471
Scalien, G.	3	1768	Thompson, W.	1	1464
Sullivan, J. J.	3	2879	Todd, H. R.	3	2490
Smith, B. L.	3	2832	Trestrail, R.	3	2293
Tordiff, J.	1	1044	Turley, B.	3	2511
Tippett, A.	2	1176	Thomas, E. W.	1	1473
Tieney, O.	1	1052	Tabor, B. B.	3	2465
Tozier, B. A.	3	1770	Tait, R. E.	3	2338

Name.	Class	No.	Name.	Class	No.
Thorn, J. H.	2	1475	Verdan, J.	3	2444
Thorn, W. F.	1	1442	Van Enniger, H. H.	2	1680
Thomas, F. C.	3	2552	Vernon, G. W.	1	1557
Travis, O. E.	3	2517	Veen, D.	3	2570
Thomas, A. N.	2	1495	Van Stone, W.	2	1629
Thomas, W. H.	1	1505	Vaughan, T. W.	3	2774
Thomas, R. L.	1	1478	Wilson, A.	3	2052
Thetge, D. A.	1	1490	Williams, J. K.	1	1039
Tooker, C. J.	2	1652	Williams, H.	3	1860
Tranter, W.	3	2447	Woolsey, W. J., Jr.	1	1223
Thomas, H.	2	1660	Wisner, J. N.	3	1864
Tait, C. A.	3	2461	Woolridge, M. E.	3	2039
Thompson, H. E.	3	2611	Worthington, D. C.	3	1870
Taylor, H.	1	1496	Williams, B.	3	1896
Thornton, J. S.	1	1524	Warner, H. F.	2	1061
Tennyson, J.	3	2617	Warner, H. F.	2	1683
Tucker, J. L.	2	1697	Winkelman, W.	2	1063
Taylor, J.	1	1242	Welbon, H. H.	1	1008
Townsend, W. H.	3	2415	Wells, M. E.	2	1071
Thompson, C.	1	1537	Wescott, W. H.	2	1072
Travis, I. L.	2	1330	Wilson, C. A.	1	1079
Thomas, R.	1	1584	Weber, F. G.	1	1002
Trueman, J. H.	1	1543	Whittaker, F.	3	2153
Tregonnen, A. B.	3	2656	Weber, J.	2	1204
Toy, T.	3	2748	Wells, E. L.	1	1101
Turnbull, W. E.	3	2661	Wyman, C. E.	1	1072
Thorp, O. S.	2	1391	Waltman, W. G.	1	1111
Thurston, J. L.	2	1600	Wright, J. W.	3	2104
Thompson, P. A.	3	2830	Wallace, F.	1	1118
Tash, H. A.	3	2765	Wiegand, J.	1	1220
Turecott, U.	2	1067	Woody, L.	3	2077
Thorp, L. E.	2	1538	Walsh, P. W.	2	1225
Talack, J. C.	3	2838	Williams, J. H.	3	2103
Thomas, C. P.	3	2833	Wallace, W.	2	1236
Uimari, H.	2	1410	West, M. O.	2	1356
Ulich, G. M.	3	2213	Wilson, M.	3	2216
Ureach, F. J.	3	2278	Wood, D.	2	1250
Vogel, A.	2	1156	Wilderson, B. F.	2	1239
Van Etten, F. M.	2	1163	Wilson, O. L.	1	1142
Virgilio, C. D.	3	1802	Williamson, H. C.	3	2165
Van Grass, J.	3	1808	Walker, H. L.	3	1943
Vallentyne, J.	3	2047	White, J. E.	2	1365
Vanderheiden, A.	2	1357	Waters, G. R.	1	1204
Vandecar, D.	3	2099	Williams, W.	3	1980
Vicary, G.	1	1319	Warren, J. K.	3	2150
Vannay, G. H.	3	2127	Wilson, C. H.	3	2134
Van Etten, W. E.	2	1388	Wier, H.	2	1149
Vaughn, J.	3	2325	White, J. M.	1	1315
Vernon, J. R.	1	1429	Woodyard, R. T.	3	2181
Vermillion, J. S.	3	2563	Wilson, L.	3	2228
Venable, J. W.	3	2430	Whelan, P.	1	1314
Vaskey, J. H.	3	2603	Wing, R. W.	1	1366

REPORT OF THE BOILER INSPECTOR.

29

Name.	Class	No.	Name.	Class	No.
Worden, C. W.	1	1563	Whitman, H. O.	3	2678
Williams, R.	1	1372	Warren, M. C.	1	1238
Williams, J. H.	1	1362	Willis, F. T.	2	1694
Williams, H. J.	1	1320	Wood, J. L., Jr.	3	2571
Wotten, B.	2	1393	Weller, C.	3	2697
Wilson, C.	2	1385	Wagar, G. E.	2	1616
Wellington, J.	1	1357	Whittaker, J.	2	1520
Weekin, P. E.	2	1448	Warren, C.	1	1520
Wagner, J. M.	3	2019	Wahlford, H.	2	1687
Wiseman, E. H.	1	1229	Walton, L.	3	2633
Wheeler, J. B.	1	1433	Wambaugh, H. B.	3	2637
Warren, P.	1	1425	Welsh, W. H.	1	1372
Williams, F. B.	2	1472	Whipple, H. W.	1	1556
Williams, L. L.	2	1459	Westling, J. O.	2	1641
Whipple, S. D.	1	1432	Westby, T. E.	3	2747
Waggoner, A. W.	1	1418	Wathen, W. D.	3	2846
Welter, N. J.	3	2426	Willcutt, F. J.	3	2740
Wilkinson, E.	1	1408	Woods, J. M.	3	2734
Weever, J. C.	2	1516	Weir, C. F.	3	2733
Wilson, F.	3	2300	Wildman, C. T.	1	1586
Williams, S. L.	2	1478	Wade, J. W.	3	1881
Wanzel, M.	3	2504	Weever, G. D.	2	1624
White, L. E.	3	2507	Wilder, J.	3	1826
Wood, J. W.	3	2373	Wedlake, F.	2	1731
Wilkinson, J.	3	2471	Walker, E. E.	3	2782
Wells, C. A.	2	1504	Wryn, J.	1	1607
Windwood, A.	1	1456	Walker, C. B.	1	1609
Wiedenback, H. A.	1	1449	Whitman, R. C.	3	2849
Wood, C. J.	1	1138	Whitman, F. V.	3	2780
Welden, L.	2	1514	Wood, C. S.	2	1596
Wraith, G. E.	3	2585	Wyatt, J. F.	3	2831
Warnick, J.	3	2584	Weiser, J. L.	3	2834
Dedenfieler, A.	3	1500	Yotter, R.	2	1378
Walker, I. M.	3	2431	Yost, W. H.	2	1283
Wade, H. B.	3	2455	Yerkes, C. E.	2	1397
Wood, I.	1	1507	Youlton, J. H.	2	1398
Watson, A. J.	2	1577	Young, T.	3	2280
Wilson, M.	2	1572	Young, J. P.	1	1407
Wincott, L.	3	2551	Yokum, R. D.	1	1525
White, J. W.	3	2992	Yotter, J.	2	1674
Woten, W.	1	1499	Youngken, J. H.	2	1634
Wheaton, B. E.	3	2614	Young, A.	3	2799
Woodthrope, H.	3	2606	Young, A. H.	3	2887
Webster, F.	3	2409	Zimmerman, A.	2	1116
Woodyard, R. T.	3	2441	Zeizing, F.	1	1096
Walthall, C.	3	2578	Zemboin, C. I.	2	1128
Williams, J.	3	2588	Ziehr, J.	3	2236
Warne, T. J.	1	1519	Zigler, B. H.	3	1969
Westby, G. W.	3	2709	Zerlarker, J.	3	2367



